

Datasheet for ABIN7551162

RASEF Protein (AA 1-740) (His tag)



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Overview

Quantity:	1 mg
Target:	RASEF
Protein Characteristics:	AA 1-740
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RASEF protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat RASEF Protein expressed in mammalian cells.
Sequence:	<p>MEADGDGEEL ARLRSVFAAC DANRSGRLER EEFRALCTEL RVRPADAEAV FQRLDADRDG</p> <p>AITFQEFARG FLGSLRGGR RDWGPLDPAP AVSEAGPETH DSEEDGEDD AAAALATSCG</p> <p>PASPGRAWQD FQARLGDEAK FIPREEQVST LYQNINLVEP RLIQPYEHVI KNFIREIRLQ</p> <p>STEMENLAIA VKRAQDKAAM QLSELEEEMD QRIQAAEHKT RKDEKRKAEE ALSDLRRQYE</p> <p>TEVGDLQVTI KKLRLKEEQS KRVSQKEDVA ALKKQIYDLS MENQKVKKDL LEAQTNIAFL</p> <p>QSELDALKSD YADQSLNTER DLEIRAYTE DRNSLERQIE ILQTANRKLH DSNDGLRSAL</p> <p>ENSYSKFNRS LHINNISPGN TISRSSPKFI GHSPQPLGYD RSSRSSYVDE DCDLALCDP</p> <p>LQRTNCEVDS LPESCFDSGL STLRDPNEYD SEVEYKHQRG FQRSHGVQES FGGDASD TDV</p> <p>PDIRDEETFG LEDVASVLDW KPQGSVSEGS IVSSSRKPIS ALSPQTDLVD DNAKSFSSQK</p> <p>AYKIVLAGDA AVGKSSFLMR LCKNEFRENI SATLGVD FQM KTLIVDGERT VLQLWDTAGQ</p> <p>ERFRSIAKSY FRKADGVLLL YDVTCEKSFL NIREWVDMIE DAAHETVPIM LVGNKADIRD</p>

Product Details

TAATEGQKCV PGHFGEKLAM TYGALFCETS AKDGSNIVEA VLHLAREVKK RTDKDDSRSI

TNLTGTNSKK SPQMKNCCNG **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

RASEF

Alternative Name:

RASEF ([RASEF Products](#))

Background:

Ras and EF-hand domain-containing protein (Ras-related protein Rab-45),FUNCTION: Binds predominantly GDP, and also GTP (PubMed:17448446). Acts as a dynein adapter protein that activates dynein-mediated transport and dynein-dynactin motility on microtubules (PubMed:30814157). {ECO:0000269|PubMed:17448446, ECO:0000269|PubMed:30814157}.

Molecular Weight:

82.9 kDa

UniProt:

[Q8IZ41](#)

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months